Toxicology, 62 (1990) 365—367
Elsevier Scientific Publishers Ireland Ltd.

TOXICOLOGY

SUBJECT INDEX

Volume 62 (1990)

A549 cells, Cd^{2+} accumulation, diamide, 53
acrolein, allylamine, rat heart mitochondria, inhibition, electron transport, 95
active immunization, antidepressant poisoning, amitriptyline, anti-nortriptyline antibodies, 349
alcohol dehydrogenase, ethylene glycol monomethyl ether, diethylene glycol monomethyl ether, cytochrome *P*-450, liver 265
allylamine, acrolein, rat heart mitochondria, inhibition, electron transport, 95
amiodarone, desethylamiodarone, macrophages, cytotoxicity, phospholipids, 227
amitriptyline, antidepressant poisoning, active immunization, anti-nortriptyline antibodies, 349
androgen, ethanol, liver, estrogen, receptors, 285
animal models, carbon monoxide, cardiopulmonary effects, metabolic effects, resistance, central nervous system, neurologic sequelae, 123
anti-nortriptyline antibodies, antidepressant poisoning, amitriptyline, active immunization, 349
antidepressant poisoning, amitriptyline, active immunization, anti-nortriptyline antibodies, 349
aorta, metal, vasoconstriction, dogfish shark, muscarinic receptors, Cd^{2+}, Ni^{2+}, 89

benzene, hydroquinone, phenol, catechol, peroxidases, covalent binding in vivo, myelotoxicity, 107
beryllium, zirconium, lymph node, electron microprobe, immunology, 239
bone resorption, cadmium, zinc, prostaglandin E_2, osteoblast, osteoclast, 27

cadmium, zinc, bone resorption, prostaglandin E_2, osteoblast, osteoclast, 27
cadmium, chelation, chronic cadmium intoxication, 1
cadmium cytotoxicity, synergism, mercury onoxide, animal models, cardiopulmonary effects, metabolic effects, resistance, central nervous system, neurologic sequelae, 123
carcinogenesis, nitrofurantoin, urinary bladder, metabolism, 333
cardiopulmonary effects, carbon monoxide, animal models, metabolic effects, resistance, central nervous system, neurologic sequelae, 123
catechol, benzene, hydroquinone, phenol, peroxidases, covalent binding in vivo, myelotoxicity, 107
Cavaliere-estimator, developmental toxicity, granule cells, Timm silver sulphide method, 189
Cd^{2+}, metal, vasoconstriction, aorta, dogfish shark, muscarinic receptors, Ni^{2+}, 89
Cd^{2+} accumulation, A549 cells, diamide, 53
central nervous system, carbon monoxide, animal models, cardiopulmonary effects, metabolic effects, resistance, neurologic sequelae, 123
chelate treatment, vanadyl sulphate, mice, tissue vanadium levels, vanadium excretion, 203
chelation, cadmium, chronic cadmium intoxication, 1
1-chloro-2,4-dinitrobenzene, glutathione-S-transferase, glutathione, ethanol, 1,2-epoxy(*p*-nitrophenoxy)propane, isolated rabbit lung, 249
chronic cadmium intoxication, cadmium, chelation, 1
cigarette smoke, human placenta, cytochrome *P*-450, 175
ciprofibrate, DNA synthesis, partial hepatecomy, 321
covalent binding in vivo, benzene, hydroquinone, phenol, catechol, peroxidases, myelotoxicity, 107
cyanide antagonism, α-ketoglutaric acid, cyanide binding, 275
cyanide binding, α-ketoglutaric acid, cyanide antagonism, 275
cytochrome *P*-450, ethylene glycol monomethyl ether, diethylene glycol monomethyl ether, alcohol dehydrogenase, liver, 265

cytochrome *P*-450, human placenta, cigarette smoke, 175
cytotoxicity, amiodarone, desethylamiodarone, macrophages, phospholipids, 227

desethylamiodarone, amiodarone, macrophages, cytotoxicity, phospholipids, 227
developmental toxicity, granule cells, Timm silver sulphide method, Cavaliere-estimator, 189
developmental toxicity, dimercapto-l-propanesulfonate (DMPS), mice, mineral metabolism, 311
diamide, Cd^{2+} accumulation, A549 cells, 53
diethylene glycol monomethyl ether, ethylene glycol monomethyl ether, alcohol dehydrogenase, cytochrome *P*-450, liver, 265
dimercapto-l-propanesulfonate (DMPS), mice, developmental toxicity, mineral metabolism, 311
DNA synthesis, ciprofibrate, partial hepatecomy, 321
DNA synthesis, rat organs, fluorinated dioxadiazocane (TFMPD), 297
dogfish shark, metal, vasoconstriction, aorta, muscarinic receptors, Cd^{2+}, Ni^{2+}, 89

electron microprobe, zirconium, lymph node, beryllium, immunology, 239
electron transport, allylamine, acrolein, rat heart mitochondria, inhibition, 95
enflurance sevoflurane, liver, slices, in vitro, halothane, isoflurane, *d*-halothane, 59
1,2-epoxy(*p*-nitrophenoxy)propane, glutathione-*S*-transferase, glutathione, ethanol, 1-chloro-2,4-dinitrobenzene, isolated rabbit lung, 249
estrogen, ethanol, liver, androgen, receptors, 285
ethanol, glutathione-*S*-transferase, glutathione, 1-chloro-2,4-dinitrobenzene, 1,2-epoxy(*p*-nitrophenoxy)propane, isolated rabbit lung, 249
ethanol, liver, androgen, estrogen, receptors, 285
ethylene glycol monomethyl ether, diethylene glycol monomethyl ether, alcohol dehydrogenase, cytochrome *P*-450, liver, 265

F344 rats, triclopyr, 3,5,6-trichloro-2-pyridinyloxyacetic acid, pharmacokinetics, metabolism, 71
fluorinated dioxadiazocane (TFMPD), DNA synthesis, rat organs, 297

glutathione, glutathione-*S*-transferase, ethanol, 1-chloro-2,4-dinitrobenzene, 1,2-epoxy(*p*-nitrophenoxy)propane, isolated rabbit lung, 249
glutathione-*S*-transferase, glutathione, ethanol, 1-chloro-2,4-dinitrobenzene, 1,2-epoxy(*p*-nitrophenoxy)propane, isolated rabbit lung, 249
granule cells, developmental toxicity, Timm silver sulphide method, Cavaliere-estimator, 189

d-halothane, liver, slices, in vitro, halothane, isoflurane, enflurance sevoflurane, 59
halothane, liver, slices, in vitro, isoflurane, enflurance sevoflurane, *d*-halothane, 59
hepatocytes, synergism, cadmium cytotoxicity, mercury cytotoxicity, metallothionein, 161
human placenta, cigarette smoke, cytochrome *P*-450, 175
hydroquinone, benzene, phenol, catechol, peroxidases, covalent binding in vivo, myelotoxicity, 107

immunology, zirconium, lymph node, electron microprobe, beryllium, 239
inhalation, 3-trifluoromethyl pyridine, olfactory epithelium, liver, nose, 35
inhibition, allylamine, acrolein, rat heart mitochondria, electron transport, 95
in vitro, liver, slices, halothane, isoflurane, enflurance sevoflurane, *d*-halothane, 59
isoflurane, liver, slices, in vitro, halothane, enflurance sevoflurane, *d*-halothane, 59
isolated rabbit lung, glutathione-*S*-transferase, glutathione, ethanol, 1-chloro-2,4-dinitrobenzene, 1,2-epoxy(*p*-nitrophenoxy)propane, 249

α-ketoglutaric acid, cyanide antagonism, cyanide binding, 275

liver, ethanol, androgen, estrogen, receptors, 285
liver, slices, in vitro, halothane, isoflurane, enflurance sevoflurane, *d*-halothane, 59
liver, 3-trifluoromethyl pyridine, olfactory epithelium, nose, inhalation, 35
liver ethylene glycol monomethyl ether, diethylene glycol monomethyl ether, alcohol dehydrogenase, cytochrome *P*-450, 265
lymph node, zirconium, electron microprobe, beryllium, immunology, 239

macrophages, amiodarone, desethylamiodarone, cytotoxicity, phospholipids, 227

mercury cytotoxicity, synergism, cadmium cytotoxicity, hepatocytes, metallothionein, 161
metabolic effects, carbon monoxide, animal models, cardiopulmonary effects, resistance, central nervous system, neurologic sequelae, 123
metabolism, nitrofurantoin, urinary bladder, carcinogenesis, 333
metabolism, triclopyr, 3,5,6-trichloro-2-pyridinyloxyacetic acid, pharmacokinetics, F344 rats, 71
metal, vasoconstriction, aorta, dogfish shark, muscarinic receptors, Cd^{2+}, Ni^{2+}, 89
metallothionein, synergism, cadmium cytotoxicity, mercury cytotoxicity, hepatocytes, 161
mice, dimercapto-l-propanesulfonate (DMPS), developmental toxicity, mineral metabolism, 311
mice, vanadyl sulphate, chelate treatment, tissue vanadium levels, vanadium excretion, 203
mineral metabolism, dimercapto-l-propanesulfonate (DMPS), mice, developmental toxicity, 311
muscarinic receptors, metal, vasoconstriction, aorta, dogfish shark, Cd^{2+}, Ni^{2+}, 89
myelotoxicity, benzene, hydroquinone, phenol, catechol, peroxidases, covalent binding in vivo, 107

neurologic sequelae, carbon monoxide, animal models, cardiopulmonary effects, metabolic effects, resistance, central nervous system, 123
Ni^{2+}, metal, vasoconstriction, aorta, dogfish shark, muscarinic receptors, Cd^{2+}, 89
nitrofurantoin, urinary bladder, carcinogenesis, metabolism, 333
nose, 3-trifluoromethyl pyridine, olfactory epithelium, liver, inhalation, 35

olfactory epithelium, 3-trifluoromethyl pyridine, liver, nose, inhalation, 35
osteoblast, cadmium, zinc, bone resorption, prostaglandin E_2, osteoclast, 27
osteoclast, cadmium, zinc, bone resorption, prostaglandin E_2, osteoblast, 27

partial hepatecomy, ciprofibrate, DNA synthesis, 321
peroxidases, benzene, hydroquinone, phenol, catechol, covalent binding in vivo, myelotoxicity, 107
pharmacokinetics, triclopyr, 3,5,6-trichloro-2-pyridinyloxyacetic acid, metabolism, F344 rats, 71
phenol, benzene, hydroquinone, catechol, peroxidases, covalent binding in vivo, myelotoxicity, 107
phospholipids, amiodarone, desethylamiodarone, macrophages, cytotoxicity, 227
prostaglandin E_2, cadmium, zinc, bone resorption, osteoblast, osteoclast, 27

rat heart mitochondria, allylamine, acrolein, inhibition, electron transport, 95
rat organs, DNA synthesis, fluorinated dioxadiazocane (TFMPD), 297
receptors, ethanol, liver, androgen, estrogen, 285
resistance, carbon monoxide, animal models, cardiopulmonary effects, metabolic effects, central nervous system, neurologic sequelae, 123

slices, liver, in vitro, halothane, isoflurane, enflurance sevoflurane, *d*-halothane, 59
synergism, cadmium cytotoxicity, mercury cytotoxicity, hepatocytes, metallothionein, 161

Timm silver sulphide method, developmental toxicity, granule cells, Cavaliere-estimator, 189
tissue vanadium levels, vanadyl sulphate, mice, chelate treatment, vanadium excretion, 203
3,5,6-trichloro-2-pyridinyloxyacetic acid, triclopyr, pharmacokinetics, metabolism, F344 rats, 71
triclopyr, 3,5,6-trichloro-2-pyridinyloxyacetic acid, pharmacokinetics, metabolism, F344 rats, 71
3-trifluoromethyl pyridine, olfactory epithelium, liver, nose, inhalation, 35

urinary bladder, nitrofurantoin, carcinogenesis, metabolism, 333

vanadium excretion, vanadyl sulphate, mice, chelate treatment, tissue vanadium levels, 203
vanadyl sulphate, mice, chelate treatment, tissue vanadium levels, vanadium excretion, 203
vasoconstriction, metal, aorta, dogfish shark, muscarinic receptors, Cd^{2+}, Ni^{2+}, 89

zinc, cadmium, bone resorption, prostaglandin E_2, osteoblast, osteoclast, 27
zirconium, lymph node, electron microprobe, beryllium, immunology, 239

Toxicology, 62 (1990) 369—370
Elsevier Scientific Publishers Ireland Ltd.

TOXICOLOGY

AUTHOR INDEX

Volume 62 (1990)

Arashidani, K. 265

Beattie, J.H. 161
Berger, M.R. 297
Berry, J.P. 239
Bertrand, F. 239
Biagini, R.E. 95
Bosque, M.A. 311
Brendel, K. 59

Carlson, G.P. 249
Chappey, O. 349
Cherian, M.G. 1
Chow, C.K. 321
Cohen, S.M. 333
Corbella, J. 311
Corbella, J. 203

Danscher, G. 189
Denis, H. 349
Denizeau, F. 161
Doane-Setzer, P. 107
Doe, J.E. 35
Domingo, J.L. 311
Domingo, J.L. 203
Dryzga, M.D. 71

Edelfors, S. 189
Enger, M.D. 53
Evans, D.H. 89

Fernando, J. 59

Galle, P. 239
Gandolfi, A.J. 59
Gaskell, B.A. 35
Ghantous, H.N. 59
Glauert, H.P. 321
Gomez, M. 203
Gustaffsson, J.-A. 175

Haaparanta, T. 175
Hasegawa, R. 333
Hext, P.M. 35
Hines, R. 175
Hirai, M. 265
Hodge, M.C.E. 35
Hume, A.S. 275

Jones, M.M. 1

Kang, Y.-J. 53
Kastl, P.E. 71
Kawamoto, T. 265
Kayama, F. 265
Kodama, Y. 265
Kolar, G.F. 297

Liu, M.S. 53
Llobet, J.M. 311
Llobet, J.M. 203
Lynch, D.W. 95

Machková, Z. 297
Marion, M. 161
Matsuno, K. 265
Morita, I. 27
Mostecká, M. 297
Murasaki, G. 333
Murota, S. 27

Norris, J.C. 275

Ogle, C.L. 227

Pasanen, M. 175
Paternain, J.L. 311
Pelkonen, O. 175
Penney, D.G. 123
Penney, D.G. 213
Piggott, G.H. 35

Raunio, H. 175
Ravn-Jonsen, A. 189
Reasor, M.J. 227
Ross, D. 107

Rungby, J. 189

Sabouraud, A. 349
Scherrmann, J.M. 349
Schmit, J.-P. 161
Seifert, J. 297
Sharma, P. 213
Sivonen, P. 175
Slominaka, L. 189
Smith, M.T. 107
Srinivasan, S.R. 321
St. John, M.K. 333
Steinmetz, K.L. 107
Subrahmanyam, V.V. 107
Sundin, M. 175
Suzuki, Y. 27

Timchalk, C. 71

Toraason, M.A. 95

Urtizberea, M. 349
Utley, W.S. 275

Vakakangas, K. 175

Walton, J.S. 89
Weingarten, K.E. 89
West, M.J. 189
Winston, G.W. 95
Won Chung, K. 285

Yamane, Y. 27
Yang, C.M. 249
Yoshikawa, M. 265

Zenser, T.V. 333